

See below the tracklist of CUSC (Connection Use of System Code) Modification Proposals (CMP) that have been put together by the Association of Renewable Energy and Clean Technology (REA)

The CUSC modification codes (CMP) are modifications that refer to the commercial arrangements for connecting to and using the transmission network whereas grid code (GC) modifications is about changes to technical and safety requirements for system users to use the electricity transmission system

Tip: CTRL + F can be a useful tool for searching for and finding information on a specific grid modification that you're looking for

TRACKLIST OF GRID MODIFICATION UPDATES					
Grid Modification - CMP	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of Implementation
					Link to find out more
	The CUSC requires that generation zones, used for Transmission Network Use of System (TNUS) tariff setting, are reviewed at the start of each price control period. This CMP seeks to change the zones and the underlying methodology used to establish them. CMP225 was issued to review the defect of CMP224 - WACH 2 of CMP225 was approved and CMP224 was rejected	Final Modification Report	No	All power generators	01-Apr-21 Link
CMP224	The CUSC requires that generation zones, used for Transmission Network Use of System (TNUS) tariff setting, are reviewed at the start of each price control period. This CMP seeks to change the zones and the underlying methodology used to establish them. CMP225 was issued to review the defect of CMP224 - WACH 2 of CMP225 was approved and CMP224 was rejected	Final Modification Report	No	All power generators	01-Apr-21 Link
CMP225	RIO-2 period at the RIO-1 value plus relevant inflation in each charging year until such time as the effect of any change in the locations signal can be better understood.	Implementation	Yes	All power generators	01-Apr-21 Link
CMP263		Implementation	Yes	All CUSC Users who pay TNUS tariffs.	01-Apr-21 Link
CMP363	Seeks to clarify the TNUS Demand Residual charging arrangements for transmission connected sites that have a mix of Final and non-Final Demand support CMP363 by changing Section 14 to add transmission definitions as needed	Implementation	Yes	Transmission connected sites with a mix of Final and non-Final Demand, ESO, Eeson	01-Apr-23 Link
CMP364	Olgen's TCR decision concerning the Transmission Demand Residual (TDR) by creating a methodology by which this residual element of demand Transmission Network Use of System (TNUS) tariffs can be apportioned to Half Hourly (HH) and Non Half Hourly (NHH) demand, and a separate methodology to determine the 'Bands' against which the residual element of demand	Implementation	Yes	Transmission connected sites with a mix of Final and non-Final Demand, ESO, Eeson	01-Apr-23 Link
CMP343		Implementation	Yes	Network Operators and demand users	01-Apr-23 Link
CMP340	CMP340 will consider the definitions required for CH Implementation Implement space management process in to CUSC and ESO to have the right to terminate contracted projects which are not progressing against agreed milestones	Implementation	Yes	Network Operators and demand users	01-Apr-23 Link
CMP376	GC156 proposal will place new obligations, within the Grid Code, upon CUSC Parties who are not contracted with the ESO as Restoration Service Provider. CMP380 proposes to introduce a certified cost recovery mechanism to prevent the affected parties being commercially disadvantaged by the implementation of the new obligations	Implementation	Yes	All power generators	27-Nov-23 Link
CMP398	Facilitate the implementation of CMP388 and propose a small change to Section 14 (BSUs) to ensure that any validated costs arising via the CMP388	Implementation	Yes	All power generators & Suppliers	29-Feb-24 Link
CMP412	Letter of Authority (LoA) should be required for new Onshore Transmission Connection Applications	Implementation	Yes	All power generators, Suppliers & Customers	29-Feb-24 Link
CMP427	Certain circuits within the Hydraulic Network Design (HND) to be onshore transmission (power) elements this modification aims to define the User Commitment liabilities for Generators connected via onshore transmission (power) elements	Implementation	Yes	Onshore power generators	28-Mar-24 Link
CMP428	Reduce the Electricity Association Association (EAA) and replace them with the London Court of International Arbitration (LCIA) from non-charging sections of the codes	Implementation	Yes	Offshore generators	14-Jun-24 Link
CMP436		Final Modification Report	No	CUSC users	30-Aug-24 Link
CMP437		Final Modification Report	No	CUSC users	30-Aug-24 Link
CMP286	Improve the predictability of TNUS demand charges by bringing forward the date at which the target revenue used in TNUS tariff setting is fixed to allow customer prices to more accurately reflect fixed TNUS rates	Final Modification Report	No	Suppliers, ESO, Transmission Owners & Consumers	30-Sep-24 Link
CMP438	Minor clarifications and corrections to the Connection and Use of System Code (CUSC) paragraph 14.25, which provides an illustrative example of a Transmission Network Use of Introduces new connection reform processes and definitions that streamline the existing processes and enable projects that are most ready to progress more rapidly to connection	Implementation	Yes	Suppliers, Embedded Generators, Electricity System Operator	03-Oct-24 Link
CMP434	Applying a project milestone / criteria ("Gate 2") to all existing contracted parties before they are provided with confirmed connection dates and locations	Work Group Consultation	No	All power generators	01-Jan-25 Link
CMP435	ESO's initial proposal to extend its "First Ready, First Connected" mechanism to existing connection contracts in its transmission queue	Work Group Consultation	No	All power generators	01-Jan-25 Link
TNUS+	Generators only pay TNUS (Transmission Network Use of System) charges on a pro-rated basis from their charging date, halving the first year of Customers to be segmented by the new Market Half Hourly Settlement (MHS) design date terms so that sites are segmented between two different charging methodologies to reduce the risk of sites being double charged in the new Hybrid Target Operating Model (TOM)	Implementation	Yes	All power generators	01-Jan-25 Link
CMP445		Proposal Form	No	Generators, Transmission System Operators, Transmission Owners	26-Mar-25 Link
CMP430		Implementation	Yes	Suppliers, Embedded generators, Transmission connected demand, ESO	01-Apr-25 Link
CMP418	Socialize Dynamic Reactive Compensation Equipment (DRCE) costs through wider TNUS charges. Instead of the current system where Obligation on the ESO to provide generation tariffs for a rolling 10 year horizon and provide the clarity to Users and developers on commercial decisions to support delivery of To provide stakeholders with legal certainty and transparency of the methodology and process that ESO would apply	Final Modification Report	No	Offshore wind farm generators	01-Apr-25 Link
CMP413		Final Modification Report	No	Generators, Suppliers, ESO, Demand Users, Consumers	01-Apr-25 Link
CMP392	Introduce a mechanism which sets a lower limit on the variable generation scaling factors used for the purpose of Year-Round Background tariff calculation. This is to address a defect in current methodology which, without any change, could calculate excessive scaling factors within the next Introduce Anti-Capacity Investment (ACI) and a mechanism for the recovery of ACI costs within the Section 14 charging methodologies	Implementation	Yes	Generators, Suppliers, ESO, Demand Users, Consumers	01-Apr-25 Link
CMP424		Implementation	Yes	Generators, Transmission System Operators, Interconnectors	01-Apr-25 Link
CMP411	Develop a cost-effective methodology to allow the CUSC charging arrangements to accommodate the growing number of multi-technology sites	Implementation	Yes	ESO, Offshore Generators, Offshore Transmission Owners, Demand customers	01-Apr-25 Link
CMP316	Allow interest to be applied to over and under BSUs revenue recovery amounts and creation of BSUs fund - currently this proposal has been withdrawn	Final Modification Report	No	Co-located power generators	01-Apr-25 Link
CMP420	The expansion consent is a key input in setting the value of the locational element of transmission network use of system charges. The proposal would review how the expansion consent is determined so that it best Re-introduction of BSUs on interconnector Load Parties to reflect BSUs as an energy management cost and not a transmission access charge (this has recently been rejected by the authority).	Work Group Consultation	No	Suppliers	01-Apr-25 Link
CMP315		Final Modification Report	No	Users who pay TNUS charges, ESO, Transmission Owners (onshore & offshore)	01-Apr-25 Link
CMP396		Final Modification Report	No	Interconnector Load Parties and Customers, Suppliers, Generators, ESO	01-Apr-25 Link
CMP375		Final Modification Report	No	Users who pay TNUS charges, ESO, transmission owners (offshore & onshore)	01-Apr-25 Link

Key Stages of a Grid Modification	This is the initial explanation from the organisation that proposes a code modification on what is wrong, what needs to be changed and what they think the solution is to the proposed issue. All stakeholders are welcome to propose a code modification by getting in touch with experts from ESO via their email: code.administrators@nationalgrid.co.uk , and filling out the proposal form, which can be downloaded from the ESO website.
Proposal Form	ESO gathers a workshop comprised of industry experts who are likely to be affected by the code modification to get their professional opinion and how, if needed, the code modification should be revised. The workshop consultation records all of their views regarding the proposal.
Work Group Consultation	Following the Workshop consultation a report is brought out detailing all of the work groups' alternative suggestions to the code modification.
Work Group Report	The Code Administrator Consultation, consults to wider industry to hear their opinions on the code modification proposal and the alternatives brought forward by the workshop.
Code Administrator Consultation	The draft final modification report consolidates all the views on the code modification proposal from the workshop and industry and makes a final decision on what the solution could look like.
Draft Final Modification Report	The Final Modification Report is the last iteration for what the code modification proposal from the authority decision is made.
Final Modification Report	When the code modification is approved, a date, if possible, in the future is given for the date of implementation.
Implementation	

Grid Modification - CWP	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of implementation	Link to find out more
	After the definition of Annual Load Factor with respect to electricity storage, taking into account imports as well as exports, hence, "electricity storage" refers to all storage that has booked Transmission Entry Capacity (i.e. pumped and battery)					
CHP283	Changes to Section 14 of the CUSC CHP287 facilitates CHP288 and proposes consequential changes to CUSC Exhibits B & D.	Final Modification Report	No	Storage Operators, Transmission Owners, ESO	01-Apr-25 Link	
CHP287	This modification is a consequential modification to CHP288, which looks at a change to a definition in Section 11. Amending the Fixed Price Period from 6 months to 12 months.	Final Modification Report	No	Co-located Generators and ESO	01-Apr-25 Link	
CHP415	Following the approval of CHP281 WACH 3, of an ex-ante BESS Staff with a 9 month notice and 6 month fix. Ofgem have stated that there is no need to amend the notice periods and therefore, this modification seeks to amend the notice period to a 3 month notice period	Implementation	Yes	Demand Users, Suppliers & ESO	01-Apr-25 Link	
CHP408	Improve cost reflectivity of the "Locational Onshore Security Factor" used in calculating Wider TNUoS tariffs so that charges better reflect how Transmission Owners plan for a secure future network based on the Security and Quality of Supply Standard requirements	Implementation	Yes	Final Demand Users, Suppliers, ESO	01-Apr-25 Link	
CHP432	Reference Node: generation weighted instead of demand weighted	Proposal Form	No	Generators and Suppliers	01-Apr-26 Link	
CHP423		Proposal Form	No	Generators and Demand Users	01-Apr-26 Link	
CHP444	This modification seeks to introduce a temporary cap and floor mechanism to wider generation TNUoS (Transmission Network Use of System) charges, to reduce investment uncertainty for generators and developers	Proposal Form	No	Generators, Storage operators, NESO, Suppliers, Consumers	01-Apr-26 Link	

Key Stages of a Grid Modification

CHP442	This modification gives Generators the opportunity to fix the wider Transmission Network Use of System (TNUoS) charges against the forecasted tariff provided by NESO.	Proposal Form	No	Generators, NESO and Suppliers	01-Apr-26 Link	
CHP440	the current price floor from the Transmission Network Use of System (TNUoS) locational demand tariff for Final Demand, thereby introducing a locational investment price signal across all of Great Britain (GB). The potential for negative prices	Proposal Form	No	Suppliers	01-Apr-26 Link	
CHP410	This modification seeks to review the existing generation zoning methodology to incorporate offshore assets connected as part of the Hybrid Network Design (HND) to enable the wider tariff to be applied to offshore generators. It also seeks to resolve the issue of zoning better to the Optimised Transmission Investment Cost model (OTICM) replaces the Transport component of the Transport and Tariff (T&T) model with an economic market model that reflects proposed network investment, creating charges that aim to leave a market participant in the expected position that	Proposal Form	No	National Grid ESO and parties liable for TNUoS charges	01-Apr-27 Link	
CHP433	in the timing of decommissioning a non-embedded site versus an embedded site. The change will allow a level playing field between the transmission and distribution	Proposal Form	No	Suppliers, Generators and Demand customers	01-Apr-28 Link	
CHP441		Final Modification Report	No	Customers, Suppliers and Transmission System Operators	10 business days after Ofgem decision Link	
CHP439	This modification proposal would remove the requirement for CUSC MW licensed embedded generators to have a BESS before participating in the Balancing Mechanism.	Proposal Form	No	Embedded Generators	10 business days after the Authority Decision Link	
CHP403	Introduce the concept of Competitively Appointed Transmission Owners (CATOs) and Transmission Services Providers for the purposes of	Final Modification Report	No	ESO, Transmission Owners, Generators, Transmission System Operators	10 working days after authority decision Link	
CHP404	Introduce the concept of Competitively Appointed Transmission Owners (CATOs) and Transmission Services Providers for the purposes of introducing Early Competition for the design, build and	Final Modification Report	No	ESO, Transmission Owners, Generators, Transmission System Operators	10 working days after authority decision Link	
CHP417	Extend the principles of CUSC. Section 15 "User Commitment Methodology" to Users of Final Sales methodology, resulting in all Users being on the User Commitment Methodology. This will introduce equitable Returns to connected Reactive Power services that, in the Proposer's view would create new opportunities for providers	Proposal Form	No	All Network Operators	10 working days after authority decision Link	
CHP264	Introduce explicit charging arrangements to recover additional costs incurred by Transmission Owners and TNUoS	Work Group Consultation	No	ESO and providers of reactive power	10 working days after authority decision Link	
CHP288	Introduce explicit charging arrangements to recover additional costs incurred by Transmission Owners and TNUoS	Final Modification Report	No	Transmission Owners, Developers, Interconnectors or Demand Connections	10 working days after authority decision Link	
CHP289	Introduce explicit charging arrangements to recover additional costs incurred by Transmission Owners and TNUoS	Work Group Consultation	No	Transmission Owners, Developers, Interconnectors or Demand Connections	10 working days after authority decision Link	
CHP443	This modification seeks to remove reference to "tar" and "tariff" from the CUSC in order to reflect both current and future methods of communication between relevant Users and the National Energy System Operator (NESO) due to the national decommissioning of the Public Switched Telephone Network (PSTN).	Code Administrator Consultation	No	Generators, Demand Users, Interconnectors, Network Operators	10 working days after Authority decision Link	
CHP330	Amend the CUSC Section 14 to allow contestability in the construction of connection assets and remove the link between contestability eligibility and TNUoS charging which creates a limit on contestable	Final Modification Report	No	New Transmission connected Users and Transmission Owners	TBC Link	
CHP374	Amend the CUSC Section 14 to allow contestability in the construction of connection assets and remove the link between contestability eligibility and TNUoS charging which creates a limit on contestable	Final Modification Report	No	New Transmission connected Users and Transmission Owners	TBC Link	
CHP414	This is a consequential Modification proposal that amends the Workgroup solution from CHP330/374, by updating Exhibit B, Section 2 and Section 11 of the CUSC.	Final Modification Report	No	Generators, Transmission Owner and ESO	TBC Link	
CHP402	Changes to the current User Commitment provisions as detailed within CUSC Section 15 are required to introduce the Anticipatory Investment(4) principles for offshore generators connecting off-shore to non-local offshore transmission network	Work Group Consultation	No	ESO, Offshore Generators, Offshore Transmission Owners, Consumers	TBC Link	
CHP344	Clarify that the allowed revenue for Transmission Owners recovered from Transmission Users under the Charging Methodology is fixed for each onshore price control period to ensure transmission licenses and at the point of asset transfer for OFTOs	Final Modification Report	No	Transmission Owners, Generators, Suppliers & ESO	TBC Link	
CHP328	An appropriate process to be utilised when any connection triggers a Distribution impact assessment. Ensuring the process in place for such connections, best reflects the necessary contractual relationship of parties involved	Final Modification Report	No	All Network Operators, ESO, Transmission Users	TBC Link	
CHP405	Separate out the demand Year Round locational	Proposal Form	No	Storage Operators, Transmission System Operators, Transmission Owners	TBC Link	

[See below where Grid Code \(GC\) Modifications are and the full directory of Grid Code Modifications please click > here.](#)

Grid Modification - Grid Code	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of implementation	Link to find out more
GC2156	National Grid's Electricity System Operator's Transmission License implementing an Electricity System Restoration Standard (ESRS) which requires 80% of electricity demand to be restored within 24 hours in all regions and 100% of electricity demand to be restored within 5 days nationally. The ESO is proposing a number of changes to the Grid Code to facilitate these requirements	Implementation	Yes	Generators, Transmission System Operators, Interconnectors, Transmission Owners, DNOs	05-Feb-24 Link	
GC2163	Clarify the Grid Code with regard to the treatment of Virtual Impedance as defined within a Grid Feeding Plant	Final Modification Report	No	Generators, Manufacturers and Interconnectors	05-Jul-24 Link	
GC2117	Creation of a pan-GB community of Power Station Investments	Final Modification Report	No	Transmission Owners (including offshore), Interconnectors, DNOs, Transmission System Users System Operator and Generators	10 working days after authority decision Link	
GC2159	Introduce the concept of Competitively Appointed Transmission Owners (CATOs) to the Grid Code to enable Offshore Network Competition for the design, build and ownership of Offshore Transmission assets	Final Modification Report	No	NESO & Transmission Owners	10 working days after authority decision Link	